



# RETROFIT SOLUTION LED

## RCIT400 SERIES

CIT400 VAPOR TIGHT RETROFIT SOLUTION

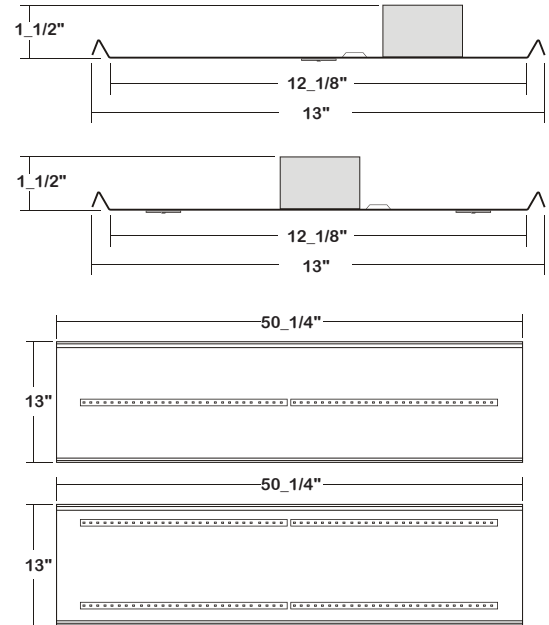
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WWW.LALIGHTING.COM  
626-454-8300

**EASILY CONVERTS THE L.A. LIGHTING EXISTING CIT400 VAPOR TIGHT FLUORESCENT FIXTURES TO LED LUMINAIRES**



### DIMENSIONS



*\*Dimensions must be checked against host fixture to ensure the retrofit solution will fit properly. L.A. Lighting has the capability to modify the retrofit solution to fit your fixture.*

### FEATURES

- LED retrofit solution for the L.A. Lighting vapor tight CIT400 fluorescent luminaires
- Compatible with SLP® Citadel4™ 4' enclosure
- 0-10V dimming driver standard
- Includes easy-to-read installation instructions
- Pre-punched holes to install the necessary hardware and wiring
- 2 safety cables pre-installed
- Supports California Title 24 compliance

### OPTIONS

- Full customization available upon request
- Additional lumen packages and color temperatures available
- Controls and sensors available
- Wireless control options available
- Emergency battery pack available
- Tunable white available (2700K-6500K)
- Painted after fabrication available

### SPECIFICATIONS

#### CONSTRUCTION

- 22 ga. cold rolled steel LED cover tray

#### FINISH

- Baked white polyester finish / minimum reflectance 86%

#### ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life greater than 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- LED light engine is pre-wired with a quick connector for easy connection
- Driver-disconnect is provided for disconnecting the electrical supply conductors to the LED driver
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

#### LISTING

- UL USA and Canada classified

#### WARRANTY

- 5-Year limited warranty standard 10-Year limited warranty also available



**Los Angeles Lighting Mfg. Co.**

Contact Us  
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www.lalighting.com Made in the USA



Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.

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Revised: 07/25/23



MADE IN THE USA  
BAA Compliant

**ORDERING INFORMATION**

**EXAMPLE:** RCIT400-16-4L-DRDM-UNV-1/850HT

RETROFIT SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
<b>RCIT400</b>			<b>4L</b>			<b>DRDM</b>	<b>UNV</b>		
<b>RCIT400</b> Vapor Tight Fluorescent CIT400 Fixture to LED Luminaire Retrofit Solution  (Normal Ambient Temperature Version)	8 Nom. 8000 Lumens 12 Nom. 12000 Lumens 16 Nom. 16000 Lumens 24 Nom. 24000 Lumens  <b>*Additional Lumen Packages Available</b>	(Blank) Standard  <b>HE</b> High Efficacy (Only for 8000 / 12000 / 24000 lumens Systems)	<b>4L</b> 4'	<b>PAF</b> Painted After Fabrication  *Leave Blank if Not Specified	<b>BPL1.5</b> 1500lm Emergency Battery Pack  <b>MSxx</b> Motion Sensor  <b>WLC(LED RU)</b> EnOcean Wireless Control  *Leave Blank if Not Specified  <u>Additional Electrical Options</u>	<b>DRDM</b> 0-10V Dimming Drive	<b>UNV</b> 120V-277V	<b>2</b> Two LED Rows (Only 8000 / 12000 / 16000 lumens Systems)  <b>4</b> Four LED Rows (Only 24000 lumens System)	<b>830</b> 80+CRI / 3000K Color Temp.  <b>835</b> 80+CRI / 3500K Color Temp.  <b>840</b> 80+CRI / 4000K Color Temp.  <b>850</b> 80+CRI / 5000K Color Temp.  *Additional Color Temp. Available
Standard options for RCIT400 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit <a href="http://www.lalighting.com/resources">www.lalighting.com/resources</a> or contact customer service.									

RETROFIT SERIES	LED LUMEN PACKAGE	NOMINAL LENGTH	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT	AMBIENT TEMP.
<b>RCIT400</b>		<b>4L</b>			<b>DRDM</b>	<b>UNV</b>			<b>HT</b>
<b>RCIT400</b> Vapor Tight Fluorescent CIT400 Fixture to LED Luminaire Retrofit Solution  (HT - High Ambient Temperature Version)	8 Nom. 8000 Lumens 12 Nom. 12000 Lumens 16 Nom. 16000 Lumens 24 Nom. 24000 Lumens 32 Nom. 32000 Lumens  <b>*Additional Lumen Packages Available</b>	<b>4L</b> 4'	<b>PAF</b> Painted After Fabrication  *Leave Blank if Not Specified	<b>BPL1.5</b> 1500lm Emergency Battery Pack  <b>MSxx</b> Motion Sensor  <b>WLC(LED RU)</b> EnOcean Wireless Control  *Leave Blank if Not Specified  <u>Additional Electrical Options</u>	<b>DRDM</b> 0-10V Dimming Drive	<b>UNV</b> 120V-277V	<b>1</b> One LED Row (Only 8000 / 12000 / 16000 lumens Systems)  <b>2</b> Two LED Rows (Only 24000 / 32000 lumens Systems)	<b>835</b> 80+CRI / 3500K Color Temp.  <b>840</b> 80+CRI / 4000K Color Temp.  <b>850</b> 80+CRI / 5000K Color Temp.  *Additional Color Temp. Available	<b>HT</b> High Ambient Temp.

**SYSTEM DATA**

**THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.**

LED LUMEN PACKAGE	HIGH AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS**	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT / HID EQUIVALENT	IES FILES
8000 Lumens (Nominal)	RCIT400-8-4L-DRDM-UNV-1/850HT	7973 lm	49.8 W	160.2 lm/W	-30°C / 50°C	4-F24T5HO, 2-F54T5HO, 175 W (MH)	*
12000 Lumens (Nominal)	RCIT400-12-4L-DRDM-UNV-1/850HT	11755 lm	78.0 W	150.7 lm/W	-30°C / 50°C	6-F24T5HO, 3-F54T5HO, 250 W (MH)	*
16000 Lumens (Nominal)	RCIT400-16-4L-DRDM-UNV-1/850HT	15869 lm	102.1 W	155.4 lm/W	-30°C / 46°C	4-F32T8, 2-F54T5HO	*
24000 Lumens (Nominal)	RCIT400-24-4L-DRDM-UNV-2/850HT	23511 lm	155.9 W	150.8 lm/W	-30°C / 44°C	6-F32T8, 3-F54T5HO, 250 W (MH) 8-F54T5HO	*
32000 Lumens (Nominal)	RCIT400-32-4L-DRDM-UNV-2/850HT	31370 lm	206.6 W	151.9 lm/W	-30°C / 35°C	8-F54T5HO	*

**NOTE:**  
System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application.

\*\* As tested in a host fixture with a clear acrylic lens

This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range noted in the system data table.

Additional lumen packages and color temperatures available.



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